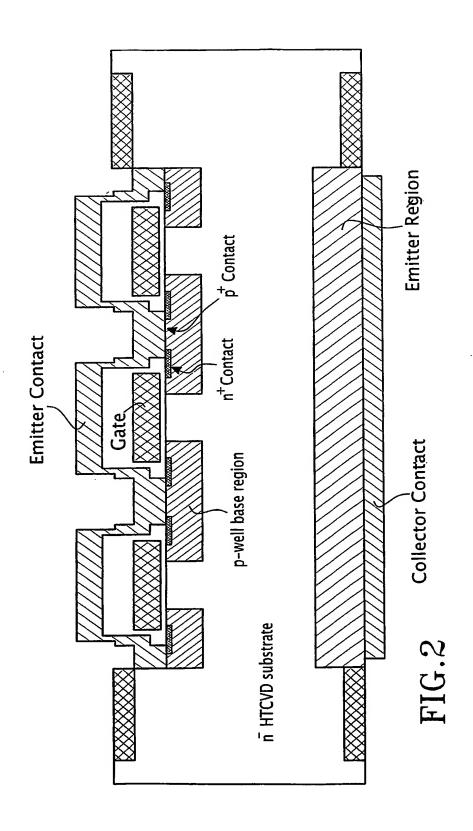
**Emitter Region** p<sup>+</sup> Contact n<sup>+</sup> Contact **Emitter Contact Collector Contact** p-well base region PRIOR ART n Epitaxial layer (substrate)

F1G. 1



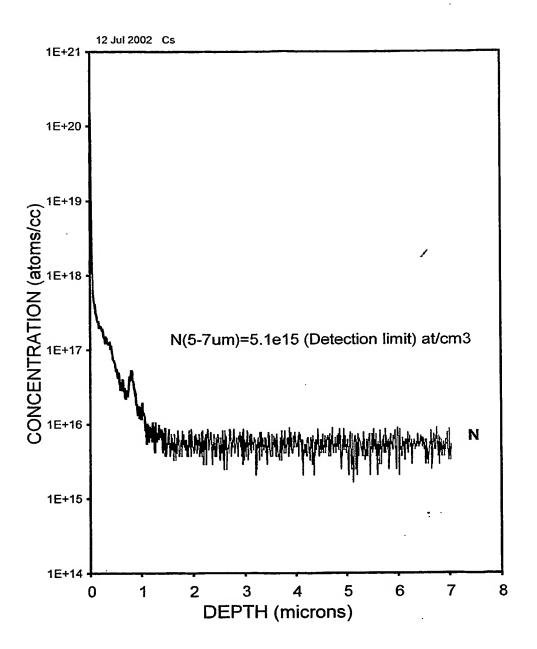
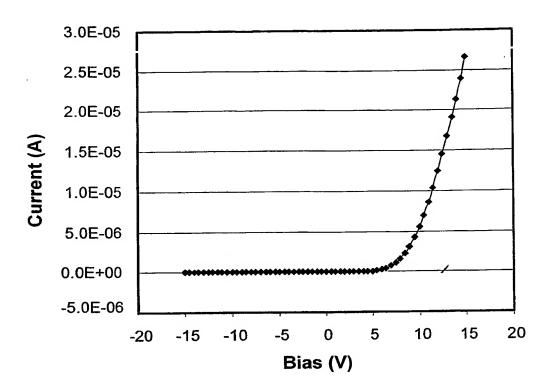


FIG.3



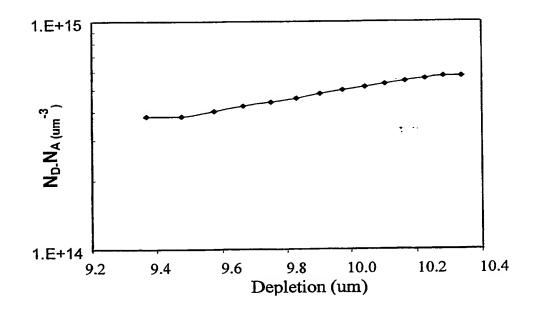
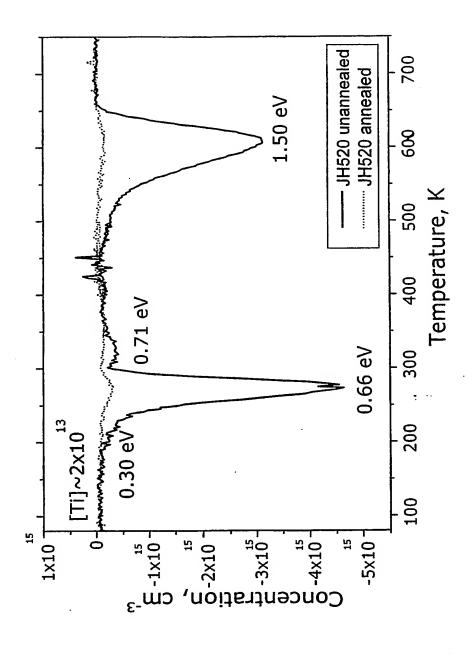
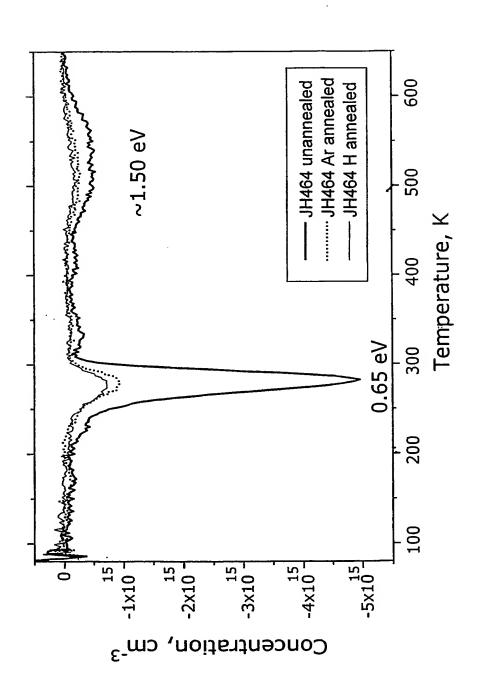


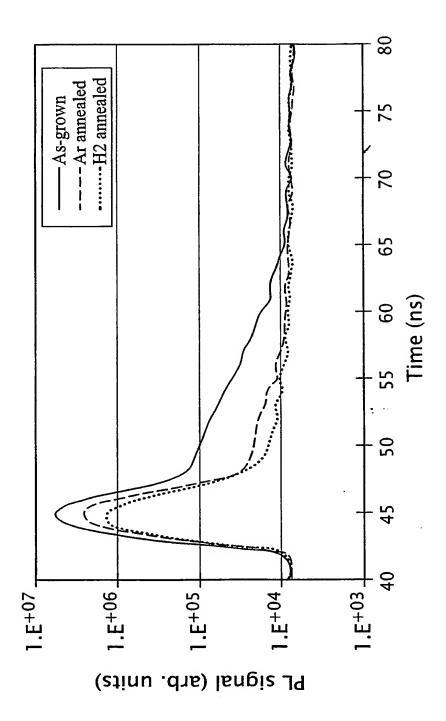
FIG.4



C.SIJ



F.IG. 6



F.1G.7

